



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appl. No. : 10/628,667 Confirmation No.: 5234  
Applicant : Shigeki Ueda et al.  
Filed : 07/29/2003  
TC/A.U. : 2636  
Examiner : Hung T. Nguyen  
Docket No. : UEDA3001/EM

**AMENDMENT AND RESPONSE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This paper is in response to an Office Action of November 9, 2004. Please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper having the heading "Amendments to the Claims".

Remarks/Arguments begin on page 6 of this paper having the heading "Remarks/Arguments".

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PATENT APPLICATION FEE DETERMINATION RECORD  
Effective January 1, 2003

Application or Docket Number  
10622667  
UEDA3001/EM

CLAIMS AS FILED - PART I

|                                  | (Column 1)        | (Column 2)                          |
|----------------------------------|-------------------|-------------------------------------|
| TOTAL CLAIMS                     | 14                |                                     |
| FOR                              | NUMBER FILED      | NUMBER EXTRA                        |
| TOTAL CHARGEABLE CLAIMS          | 22 minus 20 = * 2 |                                     |
| INDEPENDENT CLAIMS               | 1 minus 3 = * 0   |                                     |
| MULTIPLE DEPENDENT CLAIM PRESENT |                   | <input checked="" type="checkbox"/> |

| SMALL ENTITY TYPE | OTHER THAN SMALL ENTITY |
|-------------------|-------------------------|
| RATE              | RATE                    |
| BASIC FEE         | 375.00                  |
| X\$ 9=            | OR BASIC FEE 750.00     |
| X42=              | OR X\$18= 36            |
| +140=             | OR X84=                 |
| TOTAL             | OR +280= 280            |

\* If the difference in column 1 is less than zero, enter "0" in column 2

2/9/05 CLAIMS AS AMENDED - PART II

|   | (Column 1)                       | (Column 2)                         | (Column 3)    |
|---|----------------------------------|------------------------------------|---------------|
| AMENDMENT A   | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total   | * 26                             | Minus ** 22                        | = 4           |
| Independent   | * 2                              | Minus *** 3                        | =             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/> |                                  |                                    |               |

| SMALL ENTITY     | OTHER THAN SMALL ENTITY |
|------------------|-------------------------|
| RATE             | ADDITIONAL FEE          |
| X\$ 9=           | OR RATE 50 X\$18= 200   |
| X42=             | OR X84=                 |
| +140=            | OR +280=                |
| TOTAL ADDIT. FEE | OR TOTAL ADDIT. FEE 200 |

|   | (Column 1)                       | (Column 2)                         | (Column 3)    |
|---|----------------------------------|------------------------------------|---------------|
| AMENDMENT B   | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total   | * Minus **                       | =                                  |               |
| Independent   | * Minus ***                      | =                                  |               |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/> |                                  |                                    |               |

| RATE             | ADDITIONAL FEE | RATE                | ADDITIONAL FEE |
|------------------|----------------|---------------------|----------------|
| X\$ 9=           |                | OR X\$18=           |                |
| X42=             |                | OR X84=             |                |
| +140=            |                | OR +280=            |                |
| TOTAL ADDIT. FEE |                | OR TOTAL ADDIT. FEE |                |

|   | (Column 1)                       | (Column 2)                         | (Column 3)    |
|---|----------------------------------|------------------------------------|---------------|
| AMENDMENT C   | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total   | * Minus **                       | =                                  |               |
| Independent   | * Minus ***                      | =                                  |               |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/> |                                  |                                    |               |

| RATE             | ADDITIONAL FEE | RATE                | ADDITIONAL FEE |
|------------------|----------------|---------------------|----------------|
| X\$ 9=           |                | OR X\$18=           |                |
| X42=             |                | OR X84=             |                |
| +140=            |                | OR +280=            |                |
| TOTAL ADDIT. FEE |                | OR TOTAL ADDIT. FEE |                |

\* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

\*\*\*If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.